

12	4805616	1989-02-21	Pao
13	4832048	1989-05-23	Cohen
14	5085659	1992-02-04	Rydell
15	5171311	1992-12-15	Rydell et al.
16	5207675	1993-05-04	Canady
17	5888198	1999-03-30	Eggers et al.
18	5891095	1999-03-30	Eggers et al.
19	5902272	1999-05-11	Eggers et al.
20	6066134	2000-05-23	Eggers et al.
21	6149620	2000-11-21	Baker et al.
22	6159194	2000-12-12	Eggers et al.
23	6159208	2000-12-12	Hovda et al.
24	6179836	2001-01-30	Eggers et al.
25	6190381	2001-02-20	Olsen et al.
26	6203542	2001-03-20	Ellsberry et al.
27	6224592	2001-05-01	Eggers et al.
28	6235020	2001-05-22	Cheng et al.
29	6238391	2001-05-29	Olsen et al.
30	6254600	2001-07-30	Willink et al.
31	6264652	2001-07-24	Eggers et al.
32	6296636	2001-10-02	Cheng et al.
33	6296638	2001-10-02	Davison et al.
34	6312408	2001-11-06	Eggers et al.
35	6322549	2001-11-27	Eggers et al.
36	6355032	2002-03-12	Hovda et al.
37	6363937	2002-04-02	Hovda et al.
38	6379351	2002-04-30	Thapliyal et al.
39	6391025	2002-05-21	Weinstein et al.
40	6416507	2002-07-09	Eggers et al.
41	6416508	2002-07-09	Eggers et al.
42	6432103	2002-08-13	Ellsberry et al.
43	5873855	1999-02-23	Eggers et al.
44	6024733	2000-02-15	Eggers et al.
45	6063079	2000-05-16	Hovda et al.
46	6109268	2000-08-29	Thapliyal et al.
47	6117109	2000-09-12	Eggers et al.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

METHODS FOR REPAIRING DAMAGED
INTERVERTEBRAL DISCS

Application Number: 10/613115

Confirmation Number: 4213

First Named Applicant: Lewis Sharps

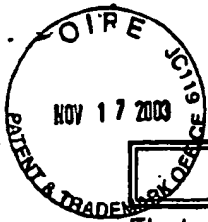
Attorney Docket Number:

Search string: (5122138 or 5190517 or 5192280 or 5330470
or 5366443 or 5647869 or 5662680 or 5417687
or 5843019 or 5871469 or 4967765 or 5197963
or 5267997 or 5290282 or 5314406 or 5324254
or 5383876 or 5395312 or 5944715 or 4202337
or 4674499 or 4936301 or 4943290 or 4979948
or 5035696 or 5195959 or 5700262 or 5807395
or 5496312 or 5556397 or 5681282 or 5683366
or 5697536 or 5766153 or 5810764 or 5810809
or 5885277 or 5897553 or 6126682 or 6168593
or 5423810 or 5436566 or 5438302 or 6004319
or 6013076 or 6015406 or 6027501 or 6039734
or 6056746 or 6068628).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5122138	1992-06-16	Manwaring			
<input type="checkbox"/>	2	5190517	1993-03-02	Zieve et al.			
<input type="checkbox"/>	3	5192280	1993-03-09	Parins			
<input type="checkbox"/>	4	5330470	1994-07-19	Hagen			
<input type="checkbox"/>	5	5366443	1994-11-22	Eggers et al.			
<input type="checkbox"/>	6	5647869	1997-07-15	Goble et al.			
<input type="checkbox"/>	7	5662680	1997-09-02	Desai			
<input type="checkbox"/>	8	5417687	1995-05-23	Nardella et al.			
<input type="checkbox"/>	9	5843019	1998-12-01	Eggers et al.			
<input type="checkbox"/>	10	5871469	1999-02-16	Eggers et al.			
<input checked="" type="checkbox"/>	11	4967765	1990-11-06	Turner et al.			



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

**METHODS FOR REPAIRING DAMAGED
INTERVERTEBRAL DISCS**

Application Number: 10/613115

Confirmation Number: 4213

First Named Applicant: Lewis Sharps

Attorney Docket Number:

Search string: (5496314 or 5496317 or 5571100 or 5633578
or 5860975 or 4682596 or 5078717 or 5267994
or 5273524 or 5300069 or 5312400 or 5334140
or 5342357 or 5514130 or 5569242 or 4593691
or 4931047 or 4998933 or 5178620 or 5366443
or 5380277 or 5419767 or 5697281 or 5697882
or 5697909 or 4532924 or 4765331 or 4976711
or 5125928 or 4043342 or 4228800 or 4248231
or 4326529 or 4381007 or 4476862 or 4706667
or 5009656 or 5584872 or 5609151 or 5676693
or 5725524 or 4232676 or 5007908 or 5370675
or 5383917 or 4040426 or 4116198 or 4548207
or 4823791 or 5098431).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5496314	1996-03-05	Eggers			
<input checked="" type="checkbox"/>	2	5496317	1996-03-05	Goble et al.			
<input checked="" type="checkbox"/>	3	5571100	1996-11-05	Goble et al.			
<input checked="" type="checkbox"/>	4	5633578	1997-05-27	Eggers et al.			
<input checked="" type="checkbox"/>	5	5860975	1999-01-19	Goble et al.			
<input checked="" type="checkbox"/>	6	4682596	1987-07-28	Bales et al.			
<input checked="" type="checkbox"/>	7	5078717	1992-01-07	Parins et al.			
<input checked="" type="checkbox"/>	8	5267994	1993-12-07	Gentelia et al.			
<input checked="" type="checkbox"/>	9	5273524	1993-12-28	Fox et al.			
<input checked="" type="checkbox"/>	10	5300069	1994-04-05	Hunsberger et al.			
<input checked="" type="checkbox"/>	11	5312400	1994-05-17	Bales et al.			



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

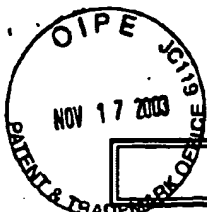
Title of Invention	METHODS FOR REPAIRING DAMAGED INTERVERTEBRAL DISCS																																																																																																								
<p>Application Number: 10/613115</p> <p>Confirmation Number: 4213</p> <p>First Named Applicant: Lewis Sharps</p> <p>Attorney Docket Number:</p> <p>Search string: (4658817 or 4896671 or 4958539 or 4976709. or 5137530 or 5201729 or 5230334 or 5318564 or 5374265 or 5403311 or 5433739 or 5439446 or 5458596 or 5542945 or 5562703 or 5660836 or 5720744 or 5846196 or 5860951 or 5954716 or 5980504 or 6007570 or 6073051 or 5823955 or 6319250 or 6261311 or 6575968 or 4269174 or 4483338 or 5626576 or 5785705 or 5823955 or 5916214 or 6096036 or 6105581 or 6122549 or 6258086 or 6283961 or 6319250 or 6500173 or 4582057).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>4658817</td><td>1987-04-21</td><td>Hardy</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>2</td><td>4896671</td><td>1990-01-30</td><td>Cunningham et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>3</td><td>4958539</td><td>1990-09-25</td><td>Stasz et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>4976709</td><td>1990-12-11</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5137530</td><td>1992-08-11</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5201729</td><td>1993-04-13</td><td>Hertzmann et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5230334</td><td>1993-07-27</td><td>Klopotek</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5318564</td><td>1994-06-07</td><td>Eggers</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5374265</td><td>1994-12-20</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>10</td><td>5403311</td><td>1995-04-04</td><td>Abele et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>11</td><td>5433739</td><td>1995-07-18</td><td>Sluijter et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>12</td><td>5439446</td><td>1995-08-08</td><td>Barry</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	4658817	1987-04-21	Hardy				<input type="checkbox"/>	2	4896671	1990-01-30	Cunningham et al.				<input type="checkbox"/>	3	4958539	1990-09-25	Stasz et al.				<input type="checkbox"/>	4	4976709	1990-12-11	Sand				<input type="checkbox"/>	5	5137530	1992-08-11	Sand				<input type="checkbox"/>	6	5201729	1993-04-13	Hertzmann et al.				<input type="checkbox"/>	7	5230334	1993-07-27	Klopotek				<input type="checkbox"/>	8	5318564	1994-06-07	Eggers				<input type="checkbox"/>	9	5374265	1994-12-20	Sand				<input type="checkbox"/>	10	5403311	1995-04-04	Abele et al.				<input type="checkbox"/>	11	5433739	1995-07-18	Sluijter et al.				<input type="checkbox"/>	12	5439446	1995-08-08	Barry			
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																																		
<input checked="" type="checkbox"/>	1	4658817	1987-04-21	Hardy																																																																																																					
<input type="checkbox"/>	2	4896671	1990-01-30	Cunningham et al.																																																																																																					
<input type="checkbox"/>	3	4958539	1990-09-25	Stasz et al.																																																																																																					
<input type="checkbox"/>	4	4976709	1990-12-11	Sand																																																																																																					
<input type="checkbox"/>	5	5137530	1992-08-11	Sand																																																																																																					
<input type="checkbox"/>	6	5201729	1993-04-13	Hertzmann et al.																																																																																																					
<input type="checkbox"/>	7	5230334	1993-07-27	Klopotek																																																																																																					
<input type="checkbox"/>	8	5318564	1994-06-07	Eggers																																																																																																					
<input type="checkbox"/>	9	5374265	1994-12-20	Sand																																																																																																					
<input type="checkbox"/>	10	5403311	1995-04-04	Abele et al.																																																																																																					
<input type="checkbox"/>	11	5433739	1995-07-18	Sluijter et al.																																																																																																					
<input type="checkbox"/>	12	5439446	1995-08-08	Barry																																																																																																					

<input checked="" type="checkbox"/>	13	5458596	1995-10-17	Lax et al.
<input type="checkbox"/>	14	5542945	1996-08-06	Fritsch
<input type="checkbox"/>	15	5562703	1996-08-08	Desai
<input type="checkbox"/>	16	5660836	1997-08-26	Knowlton
<input type="checkbox"/>	17	5720744	1998-02-24	Eggleston et al.
<input type="checkbox"/>	18	5846196	1998-12-08	Siekmeier et al.
<input type="checkbox"/>	19	5860951	1999-01-19	Eggers et al.
<input type="checkbox"/>	20	5954716	1999-09-21	Sharkey et al.
<input type="checkbox"/>	21	5980504	1999-11-09	Sharkey et al.
<input type="checkbox"/>	22	6007570	1999-12-28	Sharkey et al.
<input type="checkbox"/>	23	6073051	2000-06-06	Sharkey et al.
<input type="checkbox"/>	24	5823955	1998-10-20	Kuck et al.
<input type="checkbox"/>	25	6319250	2001-11-20	Falwell et al.
<input type="checkbox"/>	26	6261311	2001-07-17	Sharkey et al.
<input type="checkbox"/>	27	6575968	2003-06-10	Eggers et al.
<input type="checkbox"/>	28	4269174	1981-05-26	Adair
<input type="checkbox"/>	29	4483338	1984-11-20	Bloom et al.
<input type="checkbox"/>	30	5626576	1997-05-06	Janssen
<input type="checkbox"/>	31	5785705	1998-07-28	Baker
<input type="checkbox"/>	32	5823955	1998-10-20	Kuck et al.
<input type="checkbox"/>	33	5916214	1999-06-29	Cosio et al.
<input type="checkbox"/>	34	6096036	2000-08-01	Bowe et al.
<input type="checkbox"/>	35	6105581	2000-08-22	Eggers et al.
<input type="checkbox"/>	36	6122549	2000-09-19	Sharkey et al.
<input type="checkbox"/>	37	6258086	2001-07-10	Ashley et al.
<input type="checkbox"/>	38	6283961	2001-09-04	Underwood et al.
<input type="checkbox"/>	39	6319250	2001-11-20	Falwell et al.
<input type="checkbox"/>	40	6500173	2002-12-31	Underwood et al.
<input checked="" type="checkbox"/>	41	4582057	1986-04-15	Auth et al.

Remarks

Not : Remarks are not for responding to an office action.

This submission is part 5 of 5 parts each submitted on November 17, 2003. This IDS is being filed before the mailing date of the first Office Action on the merits. Accordingly, Applicants believe that no fee is necessary. Thank you.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

METHODS FOR REPAIRING DAMAGED
INTERVERTEBRAL DISCS

Application Number: 10/613115

Confirmation Number: 4213

First Named Applicant: Lewis Sharps

Attorney Docket Number:

Search string: (6190381 or 6210402 or 6277112 or 6102046
or 5375588 or 6530922 or 5197466 or 6602248
or 3939839 or 3970088 or 4074718 or 4092986
or 4181131 or 4184492 or 4567890 or 4660571
or 4727874 or 4920978 or 4936281 or 4966597
or 5047026 or 5047027 or 5084044 or 5080660
or 5088997 or 5099840 or 5108391 or 5112330
or 5167659 or 5217457 or 5217459 or 5277201
or 5306238 or 5423882 or 5441499 or 5451224
or 5454809 or 2056377 or 3828780 or 3901242
or 20020029036).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	6190381	2001-02-20	Olsen et al.			
<input type="checkbox"/>	2	6210402	2001-04-03	Olsen et al.			
<input type="checkbox"/>	3	6277112	2001-08-21	Underwood et al.			
<input type="checkbox"/>	4	6102046	2000-08-15	Weinstein et al.			
<input type="checkbox"/>	5	5375588	1994-12-27	Yoon			
<input type="checkbox"/>	6	6530922	2003-03-11	Cosman			
<input type="checkbox"/>	7	5197466	1993-03-30	Marchosky et al.			
<input type="checkbox"/>	8	6602248	2003-08-05	Sharps et al.			
<input type="checkbox"/>	9	3939839	1976-02-24	Curtiss			
<input type="checkbox"/>	10	3970088	1976-07-20	Morrison			
<input type="checkbox"/>	11	4074718	1978-02-21	Morrison, Jr.			
<input checked="" type="checkbox"/>	12	4092986	1978-06-06	Schneiderman			

13	4181131	1980-01-01	Ogiu
14	4184492	1980-01-22	Meinke et al.
15	4567890	1986-02-04	Ohta et al.
16	4660571	1987-04-28	Hess et al.
17	4727874	1988-03-01	Bowers et al.
18	4920978	1990-05-01	Colvin
19	4936281	1990-06-26	Stasz
20	4966597	1990-10-30	Cosman
21	5047028	1991-09-10	Rydell
22	5047027	1991-09-10	Rydell
23	5084044	1992-01-28	Quint
24	5080660	1992-01-14	Buelna
25	5088997	1992-02-18	Delahuerge et al.
26	5099840	1992-03-31	Goble
27	5108391	1992-04-28	Flachenecker et al.
28	5112330	1992-05-12	Nishigaki et al.
29	5167659	1992-12-01	Ohtomo et al.
30	5217457	1993-06-08	Delahuerge et al.
31	5217459	1993-06-08	Kamerling
32	5277201	1994-01-11	Stern
33	5308238	1994-04-26	Fleenor
34	5423882	1995-06-13	Jackman et al.
35	5441499	1995-08-15	Fritsch
36	5451224	1995-09-19	Goble et al.
37	5454809	1995-10-03	Janssen
38	2056377	1939-10-06	Wappler
39	3828780	1974-08-13	Morrison, Jr. et al.
40	3901242	1975-08-26	Storz

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Int	Cit .No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
		20020029036	2002-03-07	Goble et al.			

Remarks

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPENDIX A INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No. S-9-6	Application No.: 10/613,115			
Applicant: Lewis Sharps et al.						
Filing Date: July 3, 2003		Group:				
Reference Designation U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (yes/no)
<input checked="" type="checkbox"/> SY	94/14383	7/7/94	WO			
<input checked="" type="checkbox"/> CZ	98/11944	3/26/98	WO			
<input checked="" type="checkbox"/> DA	98/17190	4/30/98	WO			
<input checked="" type="checkbox"/> DB	99/47058	9/23/99	WO			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<input checked="" type="checkbox"/> DC	J. Saal, Md, et al. Thermal Characteristics and the Lumbar Disc: Evaluation of a Novel Approach to Targeted Intradiscal Thermal Therapy					
EXAMINER <i>[Signature]</i> DATE CONSIDERED 3/24/06						